

-	10986	((paper sheet substrate web medium media material \$5film) near2 (shim lever arm guide wing) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3) ) and @ad<20011120	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/05 16:14
-	1265	((paper sheet substrate web medium media material \$5film) near2 (shim lever arm guide wing) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3) ) and @ad<20011120) and ((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/05 15:47
-	562	((paper sheet substrate web medium media material \$5film) near2 (shim lever arm guide wing) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3) ) and @ad<20011120) and ((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3) ) and ((gap spac\$3 distan\$3 deflect\$5 displacement high height) near2 (shim lever arm guide wing))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/05 15:48
-	1	((paper sheet substrate web medium media material \$5film) near2 (shim lever arm guide wing) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3) ) and @ad<20011120) and ((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3) ) and ((gap spac\$3 distan\$3 deflect\$5 displacement high height) near2 (shim lever arm guide wing)) and (print\$3 adj press)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/05 15:52
-	202	((paper sheet substrate web medium media material \$5film) near2 (shim lever arm guide wing) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3) ) and @ad<20011120) and ((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3) ) and ((gap spac\$3 distan\$3 deflect\$5 displacement high height) near2 (shim lever arm guide wing)) and (weight thick\$5) near3 (paper sheet substrate web medium media material \$5film))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 14:23
-	12463	((paper sheet substrate web medium media material \$5film) near2 (shim lever arm guide wing flap swing) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/05 16:13
-	11496	((paper sheet substrate web medium media material \$5film) near2 (shim lever arm guide wing flap swing) same (sens\$3 detect\$3 calculat\$3 measur\$5 comput\$3) ) and @ad<20011120	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/05 16:14
-	0	((72/439).CCLS.) and @pd>20030303	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 13:34
-	14	((400/235.1,617,636).CCLS.) and @pd>20030303	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 13:37

-	39	((400/582).CCLS.) and @pd>20030303	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 13:43
-	3	((118/424).CCLS.) and @pd>20030303	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 13:48
-	2	((242/419.5).CCLS.) and @pd>20030303	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 13:50
-	1	((83/436.15).CCLS.) and @pd>20030303	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 13:52
-	9	((226/176,181).CCLS.) and @pd>20030303	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 13:54
-	4709	((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same ((check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3) near3 (gap spac\$3 distan\$3 deflect\$5 displacement))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 14:06
-	28	((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 shim) same ((check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 near3 (gap spac\$3 distan\$3 deflect\$5 displacement))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/30 14:07
-	26	((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 shim) same ((check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 near3 (gap spac\$3 distan\$3 deflect\$5 displacement)) and @ad<20011120	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/04 14:38
-	4210	((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same ((check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3) near3 (gap spac\$3 distan\$3 deflect\$5 displacement))) and @ad<20011120	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/04 14:38

-	389	(((((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same ((check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examinat\$5 test\$3 determin\$3 recogniz\$3 inspect\$3) near3 (gap spac\$3 distan\$3 deflect\$5 displacement))) and @ad<20011120) and (weight thick\$5) near3 (paper sheet substrate web medium media material \$5film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/04 14:42
-	172	(((((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same ((check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examinat\$5 test\$3 determin\$3 recogniz\$3 inspect\$3) near3 (gap spac\$3 distan\$3 deflect\$5 displacement))) and @ad<20011120) and (weight thick\$5) near3 (paper sheet substrate web medium media material \$5film)) and (weight thick\$5) near3 (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examinat\$5 test\$3 determin\$3 recogniz\$3 inspect\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/04 14:43
-	128	(((((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same ((check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examinat\$5 test\$3 determin\$3 recogniz\$3 inspect\$3) near3 (gap spac\$3 distan\$3 deflect\$5 displacement))) and @ad<20011120) and (weight thick\$5) near3 (paper sheet substrate web medium media material \$5film)) and (weight thick\$5) near3 (check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examinat\$5 test\$3 determin\$3 recogniz\$3 inspect\$3)) and thick\$5 near3 (paper sheet substrate web medium media material)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/04 14:53
-	2	("20030099494"),PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/04 12:35
-	3490	(((((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same ((check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examinat\$5 test\$3 determin\$3 recogniz\$3 inspect\$3) near2 (gap spac\$3 distan\$3 deflect\$5 displacement))) and @ad<20011120	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/04 14:52
-	328	(((((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same ((check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examinat\$5 test\$3 determin\$3 recogniz\$3 inspect\$3) near2 (gap spac\$3 distan\$3 deflect\$5 displacement))) and @ad<20011120) and (thick\$5 thin\$5) near3 (paper sheet substrate web medium media material)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/04 14:55
-	152	(((((deflect\$5 deviat\$5 shift\$5 refract\$5 ben\$5 displac\$5 up down upward\$2 downward\$2) near2 (shim lever arm guide wing)) same ((check\$3 detect\$3 sens\$3 measur\$5 comput\$3 calculat\$3 \$2valuat\$3 examinat\$5 test\$3 determin\$3 recogniz\$3 inspect\$3) near2 (gap spac\$3 distan\$3 deflect\$5 displacement))) and @ad<20011120) and (thick\$5 thin\$5) near3 (paper sheet substrate web medium media material)) and (shim lever arm guide wing) near5 (paper sheet substrate web medium media material)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/04 15:43